

AMENDMENTS TO THE SPECIFICATION

Before the paragraph beginning at page 1, line 1, please add the following new paragraphs:

BACKGROUND AND SUMMARY

B1 Technical Field.

Before the paragraph beginning at page 1, line 9, please add the following new paragraph:

B2 Description.

Before the paragraph beginning at page 3, line 20, please add the following new paragraph:

BRIEF DESCRIPTION OF THE DRAWINGS

Before the paragraph beginning at page ³2, line 30, please add the following new paragraph:

B4 DETAILED DESCRIPTION

Please replace the paragraph beginning at page 4, line 17, with the following rewritten paragraph:

In EP784 333 these problems are partially overcome by applying using a doctor blade method using a gel comprising metal alkoxides.

B6 Example:

The following sol-gel was made:

B5
200 gram colloidal silica (~~Ludox~~[®]) (LUDOX[®]) was mixed with
200 gram methyltrimethoxysilane ($\text{CH}_3\text{Si}(\text{O}-\text{CH}_3)_3$) (MTMS)
18 gram acetic acid and
5 gram tetraethylorthosilicate (TEOS).

Please replace the heading on the first line of page 7 with the following
replacement heading.

B4
~~CLAIMS~~ We Claim:
